

SECRET

29 January 1965

MEMORANDUM FOR THE RECORD

SUBJECT: Project 181

Change Detector
- NPIC

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1. On 9 and 10 November 1964, [] and the undersigned conducted on-site broadband and narrowband electric field radiation tests in accordance with Federal Standard 222 on the [] Change Detector System located in NPIC testing room on the first floor of []. Broadband and narrowband magnetic field radiation, powerline conduction, powerline modulation and acoustic tests were not performed.

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2. The data taken was analyzed using building perimeter techniques. The results obtained from this method indicate that the radiation levels are not high enough to be a serious threat if several precautions are observed when the equipment is used at []. Therefore, if approved by Physical Security for the processing of classified information and adopted by NPIC for use, the undersigned recommends that the following technical security measures be implemented:

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- a) the change detector should be placed in a room where there is no direct line-of-sight view to any window from the equipment, preferably an interior room without windows.
- b) the change detector should be placed in such a manner that the minimum distance from any outside building wall or any unprotected area within the building to the equipment is not less than fifty (50) feet.

3. The technical security measures contained herein apply only to the change detector tested by [] and the undersigned.

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Declass Review by NIMA/DOD

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